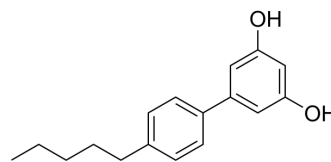


Antifungal agent 76

Cat. No.:	HY-156281
CAS No.:	1615683-57-2
Molecular Formula:	C ₁₇ H ₂₀ O ₂
Molecular Weight:	256.34
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antifungal agent 76 (compound 23h) exhibits potent activities and a broad antifungal spectrum with low MICs of 0.25-16 μg/mL. Antifungal agent 76 might achieve its rapid fungicidal activity by disrupting the fungal cell membrane ^[1] .
In Vitro	Antifungal agent 76 (compound 23h) exhibits significant inhibition against some virulence factors of <i>Cryptococcus neoformans</i> , low toxicity to normal human cells, as well as favorable pharmacokinetic and drug-like properties ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Liu JC, et al. Natural phytoalexins inspired the discovery of new biphenyls as potent antifungal agents for treatment of invasive fungal infections. *Eur J Med Chem.* 2023 Sep 27;261:115842.

Caution: Product has not been fully validated for medical applications. For research use only.

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